

Storm Data and Unusual Weather Phenomena - February 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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LOUISIANA, Northeast

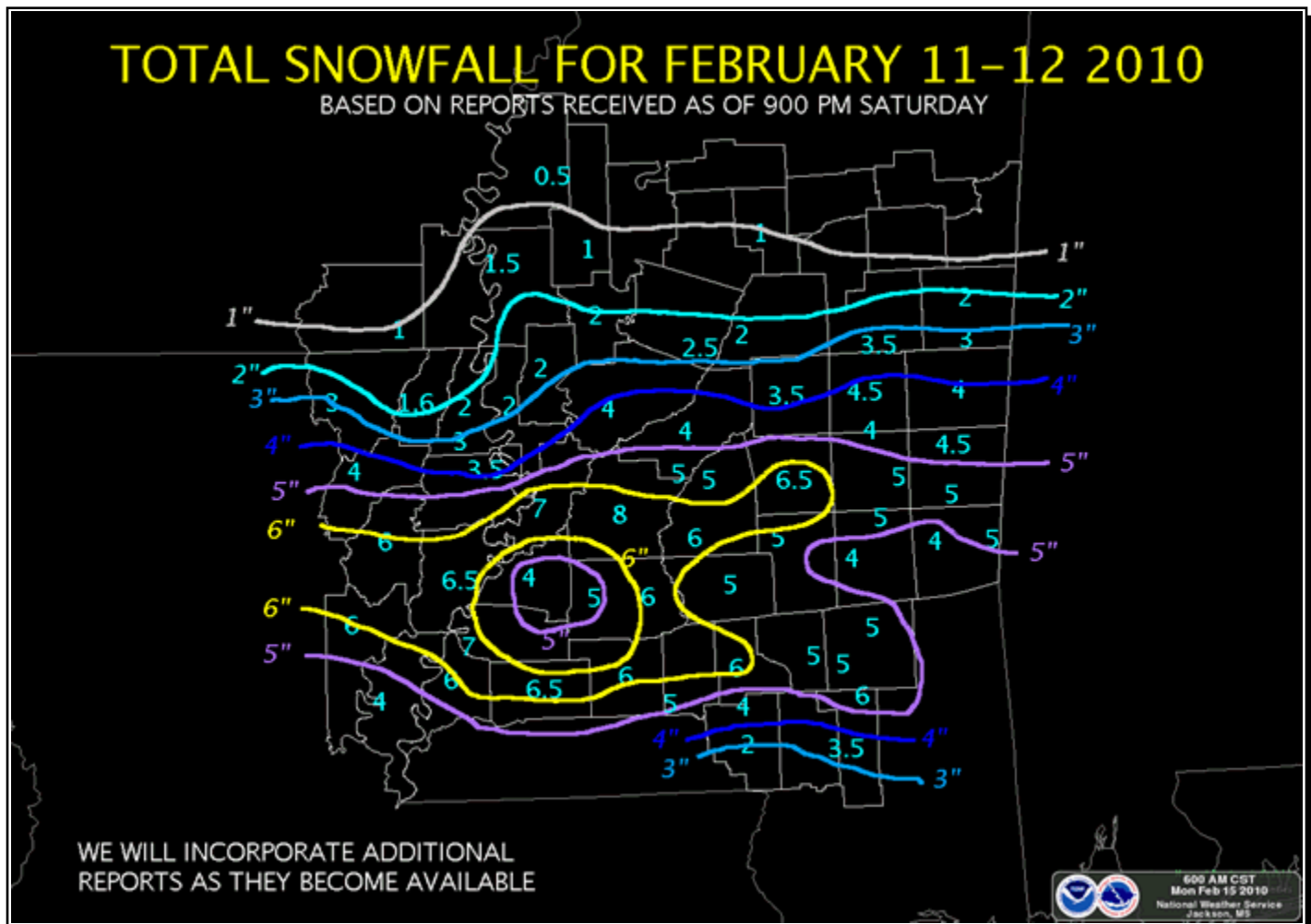
(LA-Z007) MOREHOUSE, (LA-Z008) WEST CARROLL, (LA-Z009) EAST CARROLL, (LA-Z015) RICHLAND, (LA-Z016) MADISON, (LA-Z023) FRANKLIN, (LA-Z024) CATAHOULA, (LA-Z025) TENSAS, (LA-Z026) CONCORDIA

02/11/10 21:00 CST	1.76M	Heavy Snow
02/12/10 09:00 CST	0	

Heavy snow affected a large portion of the region, especially locations across central and southern Mississippi, on Thursday night and Friday, February 11th and 12th. The heavy snow was a result of a low pressure system that tracked eastward across the northern Gulf of Mexico, and a vigorous upper level disturbance that moved across the region while a cold air mass was in place. Light precipitation overspread the region late Thursday afternoon into the evening before becoming heavy Thursday night into early Friday morning. The snow tapered off from west to east during the midday hours Friday.

Northern portions of the area, including the Highway 82 corridor, received generally 1 inch or less of snow accumulation. Areas across central and southern parts of the forecast area received the greatest snowfall, with totals ranging mainly between 4 and 6 inches with locally higher amounts. Due to the heavy wet nature of the snow, many large branches and some trees took down power lines across the region. Generally, once 3 inches of snow accumulation was met, damage began to occur. Power outages were common after the event and widespread.

At the National Weather Service office, a total of 4.7 inches of snow fell during the event. This is the 2nd largest February snowfall event and the 10th overall largest snowfall event on record. This heavy snow event was not just a local event. Heavy snow spanned a large portion of the South with a substantial swath of 3 to 6 inches which fell from north-central Texas through north and central Louisiana, central and southern Mississippi, Alabama and Georgia.



Snowfall totals across the Jackson, MS forecast area for Feb 11-12th, 2010.

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CONCORDIA COUNTY --- 0.6 E CLAYTON [31.72, -91.54]				
	02/21/10 18:52 CST		0	Hail (0.88 in)
	02/21/10 18:52 CST		0	Source: Public
CONCORDIA COUNTY --- 2.7 NNE SLOCUM [31.32, -91.63]				
	02/21/10 20:08 CST		0	Hail (1.00 in)
	02/21/10 20:10 CST		0	Source: Public
CONCORDIA COUNTY --- 2.7 NW CROSBY [31.33, -91.58]				
	02/21/10 20:12 CST		0	Hail (0.88 in)
	02/21/10 20:12 CST		0	Source: Public

A frontal system brought showers and thunderstorms to the region on February 21st. Some of these thunderstorms brought some hail to portions of eastern Louisiana.

MISSISSIPPI, Central

JONES COUNTY --- 2.1 N TUCKERS [31.65, -89.10], 1.3 E TUCKERS CROSSING [31.62, -89.06], 2.5 W MYRICK [31.66, -89.04], 3.2 N TUCKERS CROSSING [31.67, -89.08]				
	02/04/10 15:56 CST		1K	Flood (due to Heavy Rain)
	02/04/10 16:30 CST		0	Source: Emergency Manager

Some minor flooding occurred over Orange and Township Roads. This occurred from a long duration of light to moderate rainfall.

JONES COUNTY --- 0.5 S ELLISVILLE [31.59, -89.20], 1.7 ESE TUCKERS CROSSING [31.61, -89.05], 3.2 ENE LAUREL [31.71, -89.08], 2.8 SSE SERVICE [31.69, -89.22]				
	02/04/10 18:28 CST		10K	Flash Flood (due to Heavy Rain)
	02/04/10 20:30 CST		0	Source: Law Enforcement

Rainfall rates increased during the evening as heavy rainfall moved into portions of Jones County. This area was saturated from earlier rains and had already experienced some minor flooding. This new round of heavy rainfall caused flash flooding and water was reported over several roads in and around Ellisville, Laurel and central sections of Jones County.

LAUDERDALE COUNTY --- 1.9 WNW TOOMSUBA [32.43, -88.55], 1.5 WSW LAUDERDALE [32.52, -88.54], 4.1 E LAUDERDALE [32.52, -88.45], 1.1 ENE TOOMSUBA [32.43, -88.50]				
	02/04/10 20:00 CST		20K	Flash Flood (due to Heavy Rain)
	02/04/10 22:00 CST		0	Source: Law Enforcement

A person had to be rescued from a partially submerged vehicle along Knox Road near the Russell Community. Numerous county roads were flooded as well in eastern Lauderdale County.

LAUDERDALE COUNTY --- 0.9 NE MERIDIAN [32.38, -88.71], 1.1 NW BONITA [32.38, -88.68], 1.6 ESE MERIDIAN [32.36, -88.70], 0.6 S MERIDIAN [32.36, -88.72]				
	02/04/10 20:41 CST		10K	Flash Flood (due to Heavy Rain)
	02/04/10 22:30 CST		0	Source: Law Enforcement

One to two feet of water covered the Avenue 26 underpass. Additional flooding also occurred across the city.

A weather system brought widespread light to moderate rain to the region on February 4th. A couple areas received a period of heavier rainfall and as that combined with saturated conditions, some flash flooding occurred across a few locations in central Mississippi.

(MS-Z034) WASHINGTON, (MS-Z035) HUMPHREYS, (MS-Z036) HOLMES, (MS-Z037) ATTALA, (MS-Z038) WINSTON, (MS-Z039) NOXUBEE, (MS-Z040) ISSAQUENA, (MS-Z041) SHARKEY, (MS-Z042) YAZOO, (MS-Z043) MADISON, (MS-Z044) LEAKE, (MS-Z045) NESHOB, (MS-Z046) KEMPER, (MS-Z047) WARREN, (MS-Z048) HINDS, (MS-Z049) RANKIN, (MS-Z050) SCOTT, (MS-Z051) NEWTON, (MS-Z052) LAUDERDALE, (MS-Z053) CLAIBORNE, (MS-Z054) COPIAH, (MS-Z055) SIMPSON, (MS-Z056) SMITH, (MS-Z057) JASPER, (MS-Z058) CLARKE, (MS-Z059) JEFFERSON, (MS-Z060) ADAMS, (MS-Z061) FRANKLIN, (MS-Z062) LINCOLN, (MS-Z063) LAWRENCE, (MS-Z064) JEFFERSON DAVIS, (MS-Z065) COVINGTON, (MS-Z066) JONES, (MS-Z072) MARION, (MS-Z073) LAMAR, (MS-Z074) FORREST				
	02/11/10 22:00 CST		17.52M	Heavy Snow
	02/12/10 11:00 CST		0	

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Heavy snow in Vicksburg, MS on Feb 12th, 2010. Photo courtesy of Vicksburg Emergency Manager.

LINCOLN COUNTY --- 2.7 E CASEYVILLE [31.66, -90.62]				
	02/21/10 20:18 CST	0		Hail (1.00 in)
	02/21/10 20:18 CST	0		Source: Trained Spotter
MARION COUNTY --- 0.9 SE MORGANTOWN [31.31, -89.92]				

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	02/21/10 22:49 CST		3K	Hail (1.75 in)
	02/21/10 22:49 CST		0	Source: Public
Hail as large as golf balls fell around Morgantown.				
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MARION COUNTY --- 1.3 N COLUMBIA [31.27, -89.83]				
	02/21/10 23:00 CST		0	Hail (1.00 in)
	02/21/10 23:00 CST		0	Source: Emergency Manager
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LAMAR COUNTY --- 3.6 SSE EPLEY [31.33, -89.50]				
	02/21/10 23:39 CST		0	Hail (1.00 in)
	02/21/10 23:40 CST		0	Source: Public
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LAMAR COUNTY --- 1.5 SSW BAXTERVILLE [31.06, -89.61]				
	02/21/10 23:56 CST		0	Hail (1.00 in)
	02/21/10 23:56 CST		0	Source: Public
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FORREST COUNTY --- 0.7 S MAMMOTH SPGS [31.36, -89.35]				
	02/21/10 23:57 CST		0	Hail (1.00 in)
	02/21/10 23:57 CST		0	Source: Public
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FORREST COUNTY --- 1.8 SW PETAL [31.33, -89.29]				
	02/22/10 00:00 CST		0	Hail (1.00 in)
	02/22/10 00:00 CST		0	Source: Public

A frontal system brought showers and thunderstorms to the region on February 21st. Some of these thunderstorms brought some hail to portions of south and central Mississippi.